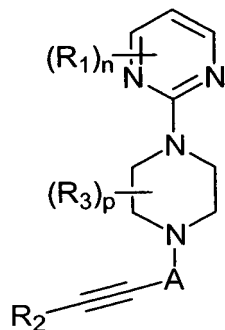


What is claimed is:

1. A compound of formula (I):



(I)

or a pharmaceutically acceptable salt thereof, wherein:

A is  $-C(O)-$ ,  $-C(S)-$ ,  $-CH_2-$ ,  $-CH(C_1-C_4 \text{ alkyl})-$ , or  $-C(C_1-C_4 \text{ alkyl})(C_1-C_4 \text{ alkyl})-$ ;

n is an integer ranging from 0 to 3;

each  $R_1$  is independently  $-(C_1-C_3)\text{alkyl}$ ,  $-O-(C_1-C_3)\text{alkyl}$ ,  $-\text{halo}$ ,  $-C(\text{halo})_3$ ,  $-\text{CH}(\text{halo})_2$ ,  $-\text{CH}_2(\text{halo})$ ,  $-\text{NO}_2$ ,  $-\text{OH}$ , or  $-\text{CN}$ ;

when A is  $-CH_2-$ ,  $-CH(C_1-C_4 \text{ alkyl})-$ , or  $-C(C_1-C_4 \text{ alkyl})(C_1-C_4 \text{ alkyl})-$ , then  $R_2$  is  $-\text{phenyl}$ ,  $-\text{naphthyl}$ , or  $-(C_{14})\text{aryl}$ , each of which is unsubstituted or substituted with one or more  $R_4$  groups, or, when A is  $-C(O)-$  or  $-C(S)-$ , then  $R_2$  is

(i)  $-\text{H}$ ,  $-(C_1-C_{10})\text{alkyl}$ ,  $-(C_2-C_{10})\text{alkenyl}$ ,  $-(C_2-C_{10})\text{alkynyl}$ ,  $-(C_3-C_{10})\text{cycloalkyl}$ ,  $-(C_8-C_{14})\text{bicycloalkyl}$ ,  $-(C_8-C_{14})\text{tricycloalkyl}$ ,  $-(C_5-C_{10})\text{cycloalkenyl}$ ,  $-(C_8-C_{14})\text{bicycloalkenyl}$ ,  $-(C_8-C_{14})\text{tricycloalkenyl}$ ,  $-(3\text{- to }7\text{-membered})\text{heterocycle}$ , or  $-(7\text{- to }10\text{-membered})\text{bicycloheterocycle}$ , each of which, other than  $-\text{H}$ , is unsubstituted or substituted with one or more  $R_5$  groups, or

(ii)  $-\text{phenyl}$ ,  $-\text{naphthyl}$ ,  $-(C_{14})\text{aryl}$ , or  $-(5\text{- to }10\text{-membered})\text{heteroaryl}$ , each of which is unsubstituted or substituted with one or more  $R_4$  groups;

p is an integer ranging from 0 to 2;

each R<sub>3</sub> is independently -OH, -halo, -NO<sub>2</sub>, -CN, -NH<sub>2</sub>, -(C<sub>1</sub>-C<sub>3</sub>)alkyl, or -CH<sub>2</sub>OH;

each R<sub>4</sub> is independently -(C<sub>1</sub>-C<sub>6</sub>)alkyl, -(C<sub>2</sub>-C<sub>6</sub>)alkenyl, -(C<sub>2</sub>-C<sub>6</sub>)alkynyl,

-(C<sub>3</sub>-C<sub>8</sub>)cycloalkyl, -(C<sub>5</sub>-C<sub>8</sub>)cycloalkenyl, -phenyl, -(C<sub>3</sub>-C<sub>5</sub>)heterocycle, -C(halo)<sub>3</sub>,

-CH(halo)<sub>2</sub>, -CH<sub>2</sub>(halo), -CN, -OH, -halo, -N<sub>3</sub>, -NO<sub>2</sub>, -N(R<sub>6</sub>)<sub>2</sub>, -CH=NR<sub>6</sub>, -NR<sub>6</sub>OH, -COR<sub>6</sub>,

5 -C(O)OR<sub>6</sub>, -OC(O)R<sub>6</sub>, -OC(O)OR<sub>6</sub>, -SR<sub>6</sub>, -S(O)R<sub>6</sub>, or -S(O)<sub>2</sub>R<sub>6</sub>;

each R<sub>5</sub> is independently -CN, -OH, -halo, -N<sub>3</sub>, -NO<sub>2</sub>, -N(R<sub>6</sub>)<sub>2</sub>, -CH=NR<sub>6</sub>, -NR<sub>6</sub>OH,

-COR<sub>6</sub>, -C(O)OR<sub>6</sub>, -OC(O)R<sub>6</sub>, -OC(O)OR<sub>6</sub>, -SR<sub>6</sub>, -S(O)R<sub>6</sub>, or -S(O)<sub>2</sub>R<sub>6</sub>; and

each R<sub>6</sub> is independently -H, -(C<sub>1</sub>-C<sub>6</sub>)alkyl, -(C<sub>2</sub>-C<sub>6</sub>)alkenyl, -(C<sub>2</sub>-C<sub>6</sub>)alkynyl,

-(C<sub>3</sub>-C<sub>8</sub>)cycloalkyl, -(C<sub>5</sub>-C<sub>8</sub>)cycloalkenyl, -phenyl, -(C<sub>3</sub>-C<sub>5</sub>)heterocycle, -C(halo)<sub>3</sub>,

10 -CH(halo)<sub>2</sub>, or -CH<sub>2</sub>(halo); and

each halo is independently -F, -Cl, -Br, or -I.

2. The compound of claim 1, wherein p is 0 or 1.

15 3. The compound of claim 1, wherein A is -CH<sub>2</sub>-.

4. The compound of claim 1, wherein A is -CH(C<sub>1</sub>-C<sub>4</sub> alkyl)-.

5. The compound of claim 1, wherein A is -C(C<sub>1</sub>-C<sub>4</sub> alkyl)(C<sub>1</sub>-C<sub>4</sub> alkyl)-.

20

6. The compound of claim 1, wherein A is -C(O)-.

7. The compound of claim 6, wherein R<sub>2</sub> is -H, -(C<sub>1</sub>-C<sub>10</sub>)alkyl, -(C<sub>2</sub>-C<sub>10</sub>)alkenyl,

-(C<sub>2</sub>-C<sub>10</sub>)alkynyl, -(C<sub>3</sub>-C<sub>10</sub>)cycloalkyl, -(C<sub>8</sub>-C<sub>14</sub>)bicycloalkyl, -(C<sub>8</sub>-C<sub>14</sub>)tricycloalkyl, -(C<sub>5</sub>-

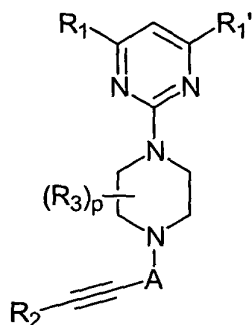
25 C<sub>10</sub>)cycloalkenyl, -(C<sub>8</sub>-C<sub>14</sub>)bicycloalkenyl, -(C<sub>8</sub>-C<sub>14</sub>)tricycloalkenyl, -(3- to 7-

membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is

unsubstituted or substituted with one or more R<sub>5</sub> groups.

8. The compound of claim 6, wherein  $R_2$  is -phenyl, -naphthyl,  $-(C_{14})$ aryl, or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more  $R_4$  groups.
- 5 9. The compound of claim 8, wherein  $R_2$  is -phenyl.
10. The compound of claim 9, wherein the phenyl is substituted in its 4-position with an  $R_4$  group.
- 10 11. The compound of claim 1, wherein A is -C(S)-.
12. The compound of claim 11, wherein  $R_2$  is -H,  $-(C_1-C_{10})$ alkyl,  $-(C_2-C_{10})$ alkenyl,  $-(C_2-C_{10})$ alkynyl,  $-(C_3-C_{10})$ cycloalkyl,  $-(C_8-C_{14})$ bicycloalkyl,  $-(C_8-C_{14})$ tricycloalkyl,  $-(C_5-C_{10})$ cycloalkenyl,  $-(C_8-C_{14})$ bicycloalkenyl,  $-(C_8-C_{14})$ tricycloalkenyl, -(3- to 7-  
15 membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more  $R_5$  groups.
13. The compound of claim 11, wherein  $R_2$  is -phenyl, -naphthyl,  $-(C_{14})$ aryl, or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more  $R_4$   
20 groups.
14. The compound of claim 13, wherein  $R_2$  is -phenyl.
15. The compound of claim 14, wherein the phenyl is substituted in its 4-position  
25 with an  $R_4$  group.
16. The compound of claim 1 having the formula (Ia):

5



(Ia)

10 or a pharmaceutically acceptable salt thereof, wherein  $R_1$  and  $R_1'$  are independently -H,  $-(C_1-C_3)\text{alkyl}$ ,  $-O-(C_1-C_3)\text{alkyl}$ , -halo,  $-C(\text{halo})_3$ ,  $-\text{CH}(\text{halo})_2$ ,  $-\text{CH}_2(\text{halo})$ ,  $-\text{NO}_2$ , -OH, or -CN.

17. The compound of claim 16, wherein  $R_1$  and  $R_1'$  are independently  $-(C_1-C_3)\text{alkyl}$ ,  $-O-(C_1-C_3)\text{alkyl}$ , or -halo.

15

18. The compound of claim 17, wherein A is  $-\text{C}(\text{O})-$ .

19. The compound of claim 17, wherein A is  $-\text{C}(\text{S})-$ .

20

20. The compound of claim 17, wherein A is  $-\text{CH}_2-$ .

21. The compound of claim 17, wherein A is  $-\text{CH}(C_1-C_4 \text{ alkyl})-$ .

22. The compound of claim 17, wherein A is  $-\text{C}(C_1-C_4 \text{ alkyl})(C_1-C_4 \text{ alkyl})-$ .

25

23. The compound of claim 17, wherein  $R_1$  is  $-\text{CH}_3$  and  $R_1'$  is -Cl.

24. The compound of claim 17, wherein  $R_1$  is  $-CH_3$  and  $R_1'$  is  $-OCH_3$ .
25. The compound of claim 16, wherein  $R_1$  and  $R_1'$  are  $-(C_1-C_3)alkyl$ .
- 5 26. The compound of claim 25, wherein  $R_1$  and  $R_1'$  are  $-CH_3$ .
27. A composition comprising an effective amount of a compound or a pharmaceutically acceptable salt of the compound of claim 1 and a pharmaceutically acceptable carrier or excipient.
- 10 28. A composition comprising an effective amount of a compound or a pharmaceutically acceptable salt of the compound of claim 16 and a pharmaceutically acceptable carrier or excipient.
- 15 29. A method for treating pain, comprising administering to an animal in need thereof an effective amount of a compound or a pharmaceutically acceptable salt of the compound of claim 1.
30. The method of claim 29, further comprising administering to the animal an  
20 effective amount of another therapeutic agent.
31. A method for treating pain, comprising administering to an animal in need thereof an effective amount of a compound or a pharmaceutically acceptable salt of the compound of claim 16.
- 25 32. The method of claim 31, further comprising administering to the animal an effective amount of another therapeutic agent.

33. A method for treating an addictive disorder, comprising administering to an animal in need thereof an effective amount of a compound or a pharmaceutically acceptable salt of the compound of claim 1.

5 34. The method of claim 33, further comprising administering to the animal an effective amount of another therapeutic agent.

35. A method for treating an addictive disorder, comprising administering to an animal in need thereof an effective amount of a compound or a pharmaceutically acceptable  
10 salt of the compound of claim 16.

36. The method of claim 35, further comprising administering to the animal an effective amount of another therapeutic agent.

15 37. A method for treating Parkinson's disease, comprising administering to an animal in need thereof an effective amount of a compound or a pharmaceutically acceptable salt of the compound of claim 1.

38. The method of claim 37, further comprising administering to the animal an  
20 effective amount of another therapeutic agent.

39. A method for treating Parkinson's disease, comprising administering to an animal in need thereof an effective amount of a compound or a pharmaceutically acceptable salt of the compound of claim 16.

25

40. The method of claim 39, further comprising administering to the animal an effective amount of another therapeutic agent.

41. A method for treating anxiety, comprising administering to an animal in need thereof an effective amount of a compound or a pharmaceutically acceptable salt of the compound of claim 1.

5 42. The method of claim 41, further comprising administering to the animal an effective amount of another therapeutic agent.

43. A method for treating anxiety, comprising administering to an animal in need thereof an effective amount of a compound or a pharmaceutically acceptable salt of the  
10 compound of claim 16.

44. The method of claim 43, further comprising administering to the animal an effective amount of another therapeutic agent.

15 45. A method for treating schizophrenia, comprising administering to an animal in need thereof an effective amount of a compound or a pharmaceutically acceptable salt of the compound of claim 1.

46. The method of claim 45, further comprising administering to the animal an  
20 effective amount of another therapeutic agent.

47. A method for treating schizophrenia, comprising administering to an animal in need thereof an effective amount of a compound or a pharmaceutically acceptable salt of the compound of claim 16.

25 48. The method of claim 47, further comprising administering to the animal an effective amount of another therapeutic agent.

49. A method for inhibiting mGluR5-receptor function in a cell, comprising contacting a cell capable of expressing mGluR5 with an effective amount of a compound or a pharmaceutically acceptable salt of the compound of claim 1.

5 50. The method of claim 49, further comprising contacting the cell with an effective amount of another therapeutic agent.

51. A method for inhibiting mGluR5-receptor function in a cell, comprising contacting a cell capable of expressing mGluR5 with an effective amount of a compound or a  
10 pharmaceutically acceptable salt of the compound of claim 16.

52. The method of claim 51, further comprising contacting the cell with an effective amount of another therapeutic agent.

15 53. A method for preparing a composition, the method comprising admixing a compound or a pharmaceutically acceptable salt of the compound of claim 1 and a pharmaceutically acceptable carrier or excipient.

54. A kit comprising a container containing the composition of claim 27.  
20